Atropine-effect during propofol/remifentanil induction.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON21251

Source
NTR

Health condition

hemodynamics
(cerebral) tissue oxygenation
general anesthesia

Sponsors and support

Primary sponsor: university medical center groningen
hanzeplein 1
9713 EZ groningen
050-3616161
Source(s) of monetary or material Support: no funding

Intervention

Outcome measures

Primary outcome

Hemodynamics and tissue oxygenation.

Secondary outcome

Requirement of other vasoactive medication.

Study description

Background summary

N/A

Study objective

We hypothesize that administration of intravenous atropine during induction of propofol/remifentanil may have a positive effect on the hemodynamic profile and peripheral and cerebral tissue oxygenation during and after induction of anesthesia.

Study design

Day of surgery.

Intervention

All patients will receive a standard anesthesia based on propofol and remifentanil. During the induction of anesthesia patients will randomly receive either atropine 500ug or saline. If necessary, hemodynamic support will be provided by continuous infusion of norepinephrine as in normal clinical practice to maintain adequate perfusion pressure defined as mean arterial pressure 60 mmHg. Hemodynamic parameters as well as peripheral and cerebral tissue oxygenation and microvascular blood flow will be monitored noninvasively and recorded.

Contacts

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Eligibility criteria

Inclusion criteria

1. Patients requiring general anaesthesia;

2. Patients age 18 years and older;

3. Patient and surgical procedure appropriate for treatment with atropine.

Exclusion criteria

1. Patients refusal;

2. Pregnancy;

3. Patients age < 18 years;

4. Patients in which atropine is contra-indicated.

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Double blinded (masking used)
Control:	Placebo

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	17-09-2012
Enrollment:	60
Type:	Anticipated

Ethics review

Positive opinion Date:	19-09-2012
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL3470
NTR-old	NTR3622
Other	METC UMCG : 2012/218
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results
N/A